

Response Under 37 CFR 1.116

Expedited Procedure

Examining Group 1600

Application No. 10/696,268

Paper Dated: June 2, 2005

In Reply to USPTO Correspondence of April 29, 2005

Attorney Docket No. 4084-032129

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Previously Presented) A method for treating alopecia and promoting hair growth which comprises treating a patient in need thereof with a pharmaceutical composition containing a 3-position analog of cyclosporin represented by Formula 1, as an active ingredient:

[Formula 1]

MeBmt-Abu-X-MeLeu-Val-MeLeu-Ala-DAla-MeLeu-MeLeu-MeVal

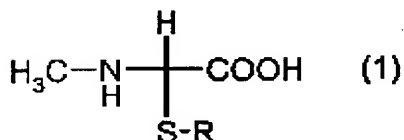
wherein:

MeBmt represents N-methyl-(4R)-4-[(E)-2-butenyl]-4-methyl-L-threonine;

Abu represents L-aminobutyric acid;

X is represented by the general formula 1,

[General formula 1]



in which,

R is one selected from the group consisting of hydrogen, thioacyl, C₂-C₆ straight or branched alkyl, alkenyl or alkynyl moieties, substituted or unsubstituted with one or more selected from the group consisting of amino, hydroxy, halo, haloalkyl, ester, alkoxy, cyano, nitro, aryl, alkylamino and dialkylamino, cyclic or aryl moieties, substituted or unsubstituted with one or more selected from the group consisting of amino, hydroxy, halo, haloalkyl, ester, alkoxy, cyano, nitro, aryl, alkylamino and dialkylamino, and (C=X')-R'

in which,

X' is oxygen or sulfur, and

R' is one selected from the group consisting of hydrogen, C₁-C₆ straight or branched alkyl, alkenyl or alkynyl moieties, substituted or unsubstituted with one or more

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selected from the group consisting of amino, hydroxy, halo, haloalkyl, ester, alkoxy, cyano, nitro, aryl, alkylamino and dialkylamino, and cyclic or aryl moieties, substituted or unsubstituted with one or more selected from the group consisting of amino, hydroxy, halo, haloalkyl, ester, alkoxy, cyano, nitro, aryl, alkylamino and dialkylamino,

MeLeu represents N-methyl-L-leucine;

Val represents L-valine;

Ala represents L-alanine;

DAla represents D-alanine;

MeVal represents N-methyl-L-valine.

2. (Previously Presented) The method of claim 1, wherein X is [D-2-ethylthio-sarcosine], [D-2-propylthio-sarcosine], [D-2-isopropylthio-sarcosine], [D-2-allylthio-sarcosine], [D-2-benzylthio-sarcosine], [D-2-(4-nitrophenyl)thio-sarcosine] or [D-2-(dimethylthiocarbamyl)dithio-sarcosine].

3. (Previously Presented) The method of claim 2, wherein said composition comprises [D-2-ethylthio-sar³] cyclosporin A as an active ingredient.

4. (Previously Presented) The method of claim 2, wherein said composition comprises [D-2-propylthio-sar³] cyclosporin A as an active ingredient.

5. (Previously Presented) The method of claim 2, wherein said composition comprises [D-2-isopropylthio-sar³] cyclosporin A as an active ingredient.

6. (Currently Amended) A hair growth promoting agent comprising ~~D-2-allylthio-sar³]~~[D-2-allylthio-sar³] cyclosporin A as an active ingredient.

7. (Currently Amended) A hair growth promoting agent comprising ~~D-2-allylthio-sar³]~~[D-2-benzylthio-sar³] cyclosporin A as an active ingredient.

8. (Currently Amended) A hair growth promoting agent comprising ~~D-2-allylthio-sar³]~~[D-2-(4-nitrophenyl)thio-sar³] cyclosporin A as an active ingredient.

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9. (Currently Amended) A hair growth promoting agent comprising ~~D-2-allylthio-sar³]~~D-2-(dimethylthiocarbamyl)dithio-sar³] cyclosporin A as an active ingredient.

10. (Previously Presented) The method of claim 1, wherein said composition is formulated in a form selected from the group consisting of liquid formulation, spray, gel, paste, emulsion, cream, conditioner and shampoo.

11. (Previously Presented) The method of claim 2, wherein said composition is formulated in a form selected from the group consisting of liquid formulation, spray, gel, paste, emulsion, cream, conditioner and shampoo.

12. (Previously Presented) The method of claim 3, wherein said composition is formulated in a form selected from the group consisting of liquid formulation, spray, gel, paste, emulsion, cream, conditioner and shampoo.

13. (Previously Presented) The method of claim 4, wherein said composition is formulated in a form selected from the group consisting of liquid formulation, spray, gel, paste, emulsion, cream, conditioner and shampoo.

14. (Previously Presented) The method of claim 5, wherein said composition is formulated in a form selected from the group consisting of liquid formulation, spray, gel, paste, emulsion, cream, conditioner and shampoo.

15. (Original) The hair growth promoting agent as set forth in claim 6, which is formulated in a form selected from the group consisting of liquid formulation, spray, gel, paste, emulsion, cream, conditioner and shampoo.

16. (Original) The hair growth promoting agent as set forth in claim 7, which is formulated in a form selected from the group consisting of liquid formulation, spray, gel, paste, emulsion, cream, conditioner and shampoo.

17. (Original) The hair growth promoting agent as set forth in claim

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8, which is formulated in a form selected from the group consisting of liquid formulation, spray, gel, paste, emulsion, cream, conditioner and shampoo.

18. (Original) The hair growth promoting agent as set forth in claim 9, which is formulated in a form selected from the group consisting of liquid formulation, spray, gel, paste, emulsion, cream, conditioner and shampoo.